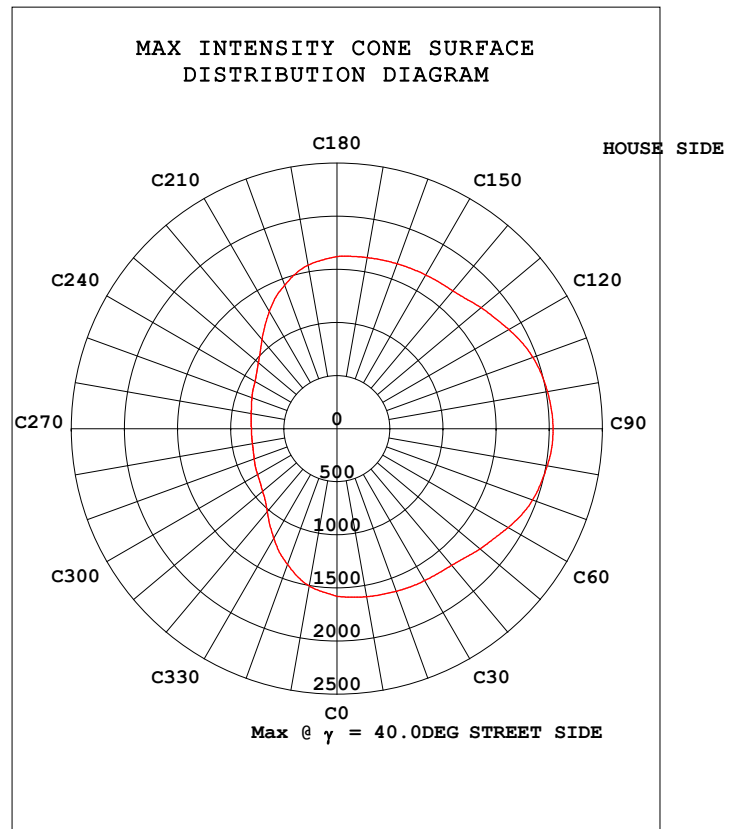
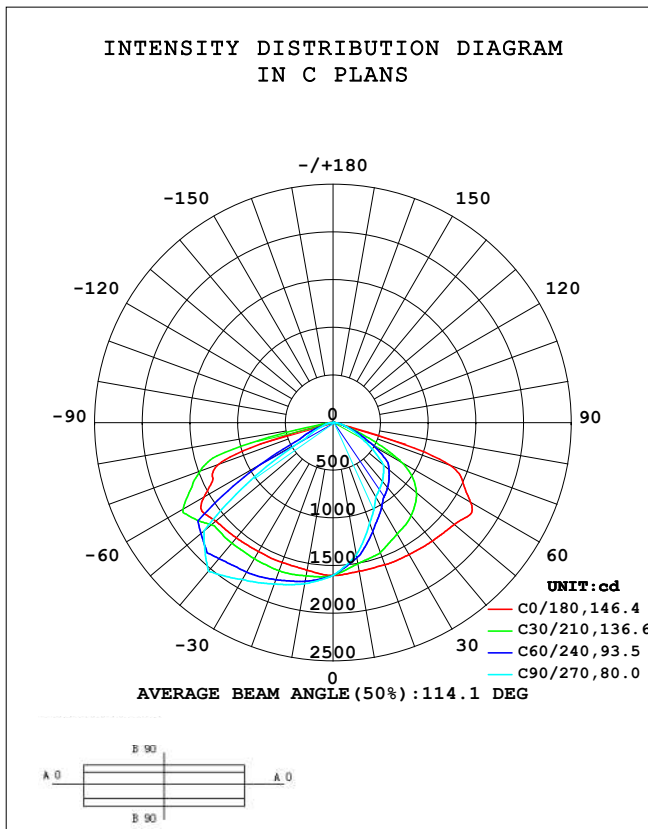


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.9V I:0.1702A P:35.86W PF:0.9540 Lamp Flux:5489.77x1 lm		
NAME: OPCITYIII-35W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 153.07 lm/W			
MODEL	LED	Imax (cd)	2034	η street_up (%)	0.0
NOMINAL POWER (W)	35	LOR (%)	100.0	η street_down (%)	50.6
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	5490	η house_up (%)	0.0
NOMINAL FLUX (lm)	5489.77	MAXIMUM @ (C, γ)	90, 40.0	η house_down (%)	49.4
LAMPS INSIDE	1	η up (%)	0.0	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	100.0	SLI	16.974



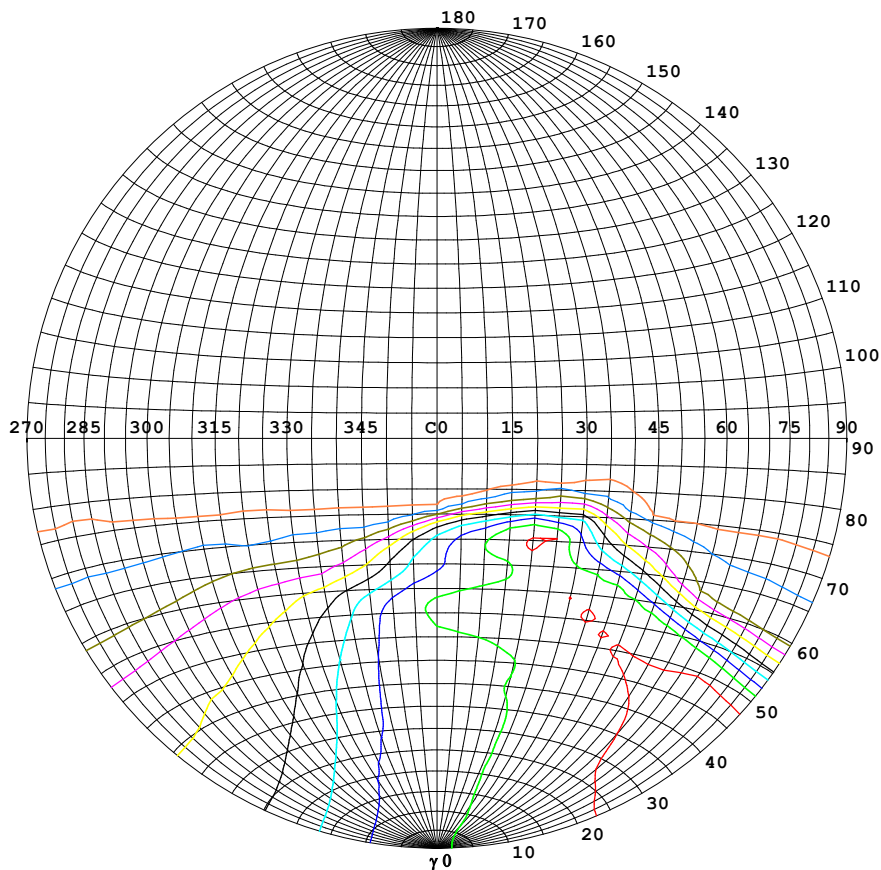
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

Note: SLI: Specific Luminaire Index

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.9V I:0.1702A P:35.86W PF:0.9540 Lamp Flux:5489.77x1 lm		
NAME: OPCITYIII-35W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



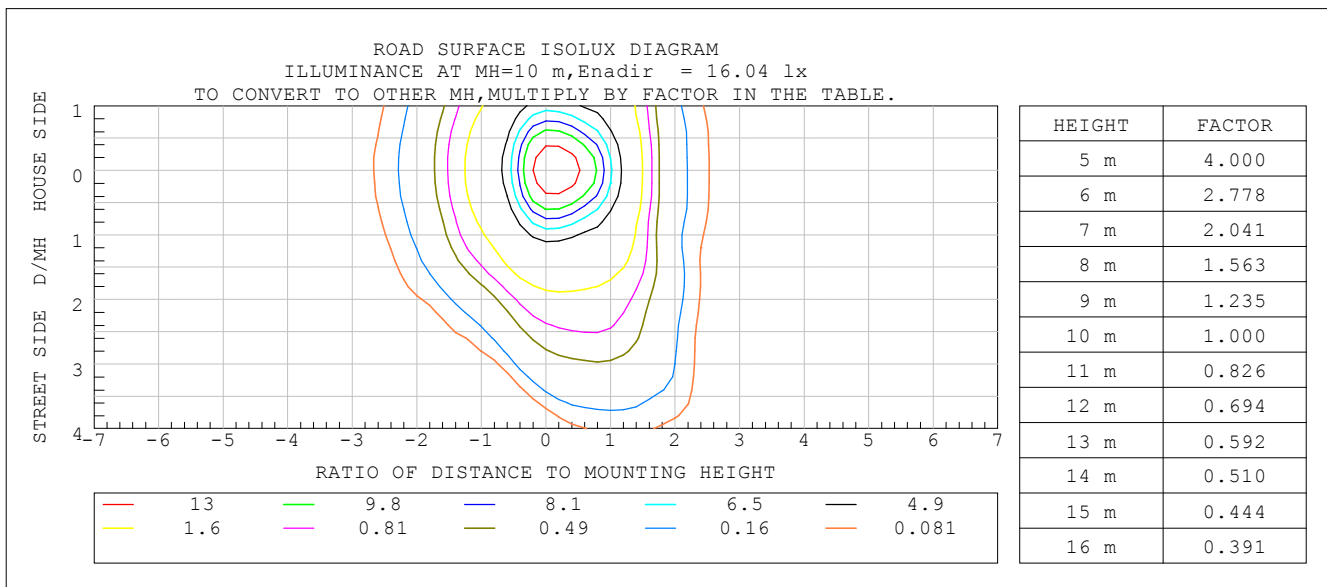
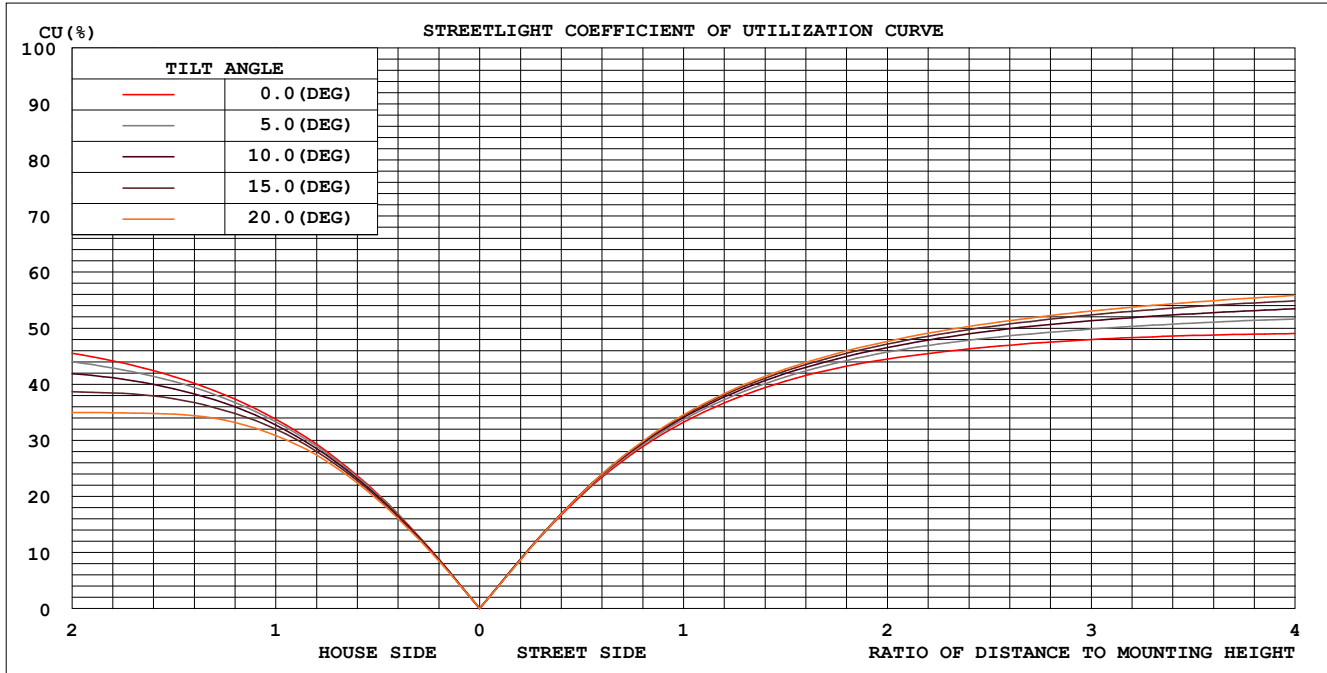
Classification:

IES:Type IV - Very Short
CIE:Broad - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:44.71cd/klm
Max.At90:3.732cd/klm
Max.80-90:44.71cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2034
90%	1831
80%	1627
70%	1424
60%	1220
50%	1017
40%	814
30%	610
20%	407
10%	203
5%	102

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

gamma Range: 0 - 90DEG
gamma Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:220.9V I:0.1702A P:35.86W PF:0.9540 Lamp Flux:5489.77x1 lm		
NAME: OPCITYIII-35W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

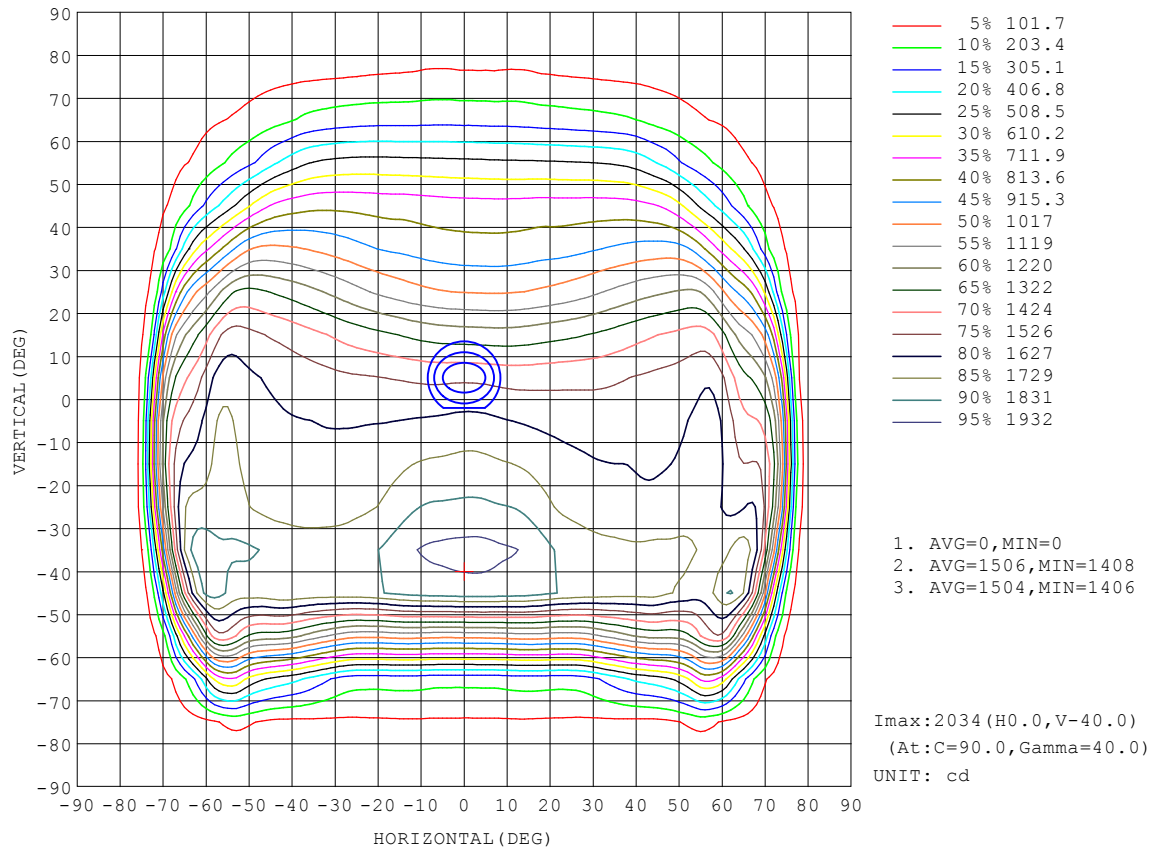
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
5	1593	1638	1660	1638	1594	1534	1508	1531	0- 5	38.09	38.09	0.69,0.69
10	1572	1662	1717	1667	1584	1468	1412	1457	5- 10	112.7	150.8	2.75,2.75
15	1562	1689	1759	1699	1583	1410	1268	1386	10- 15	184.3	335.1	6.1,6.1
20	1561	1706	1801	1717	1588	1324	1124	1288	15- 20	251.7	586.8	10.7,10.7
25	1564	1707	1851	1720	1593	1241	1012	1193	20- 25	314.5	901.2	16.4,16.4
30	1562	1706	1902	1719	1598	1167	899.4	1111	25- 30	373.0	1274	23.2,23.2
35	1568	1704	1968	1719	1609	1094	853.1	1033	30- 35	428.0	1702	31,31
40	1579	1713	2034	1727	1621	1023	806.8	956.7	35- 40	481.8	2184	39.8,39.8
45	1591	1773	1901	1791	1638	964.9	750.2	907.1	40- 45	529.5	2713	49.4,49.4
50	1608	1846	1768	1874	1663	881.2	693.6	836.8	45- 50	564.4	3278	59.7,59.7
55	1655	1775	1053	1795	1720	784.0	531.0	750.0	50- 55	574.7	3853	70.2,70.2
60	1564	1633	338.3	1640	1666	643.8	368.5	627.1	55- 60	524.8	4377	79.7,79.7
65	1391	1083	232.4	1078	1507	417.8	271.0	403.2	60- 65	425.7	4803	87.5,87.5
70	1276	600.9	126.5	599.0	1303	225.6	173.4	215.3	65- 70	341.8	5145	93.7,93.7
75	388.4	156.4	88.23	158.2	286.3	119.7	120.6	114.8	70- 75	229.4	5374	97.9,97.9
80	70.70	68.91	49.93	70.19	56.40	73.17	67.81	69.62	75- 80	85.66	5460	99.5,99.5
85	36.28	18.20	0	18.67	22.12	20.33	0	19.10	80- 85	26.19	5486	99.9,99.9
90	20.49	0	0	0	17.67	0	0	0	85- 90	3.724	5490	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:
 Test Date:2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
 Humidity:65.0%
 Test Distance:7.370m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

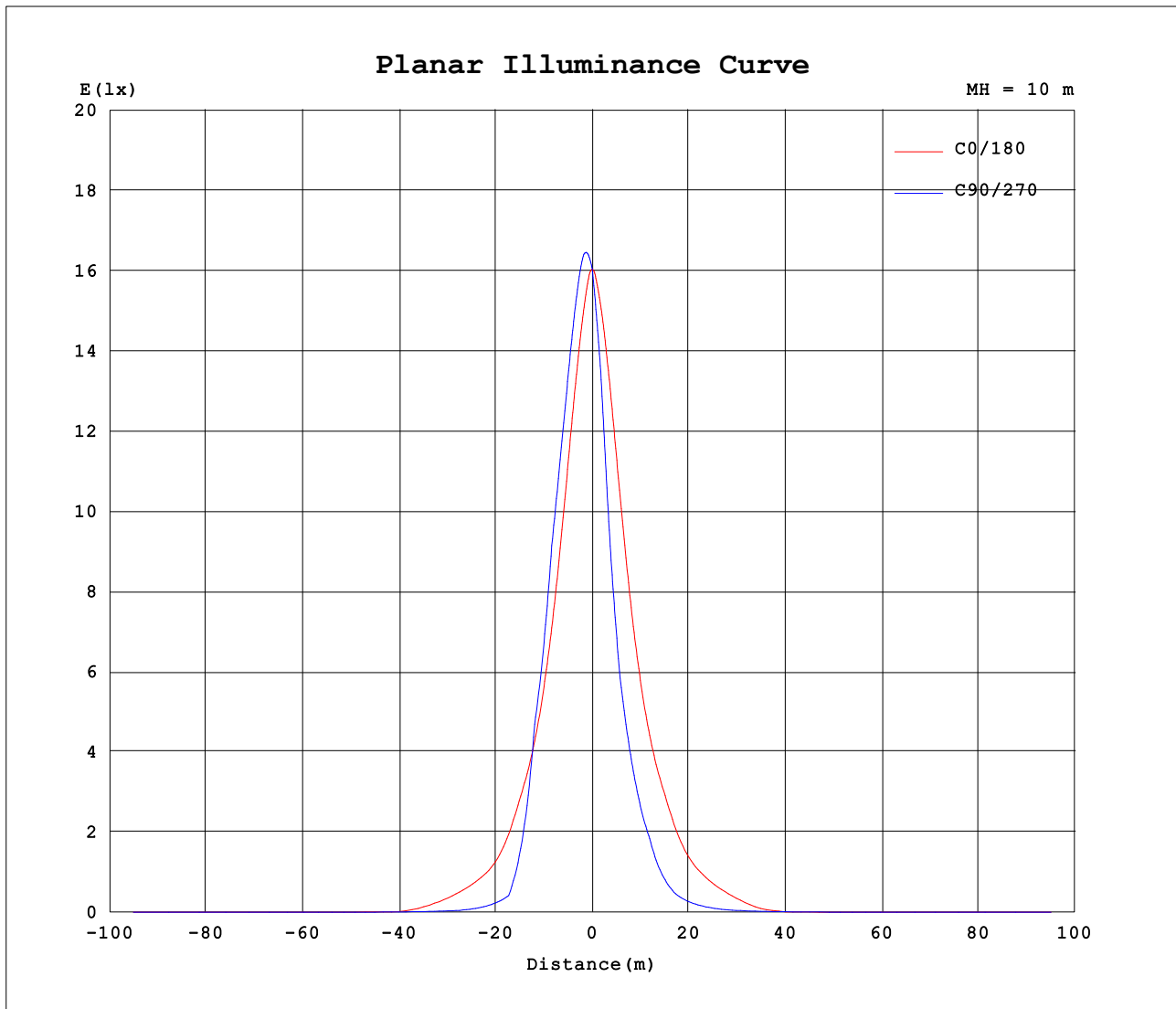
Test:U:220.9V I:0.1702A P:35.86W PF:0.9540 Lamp Flux:5489.77x1 lm		
NAME: OPCITYIII-35W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

Planar Illuminance Curve



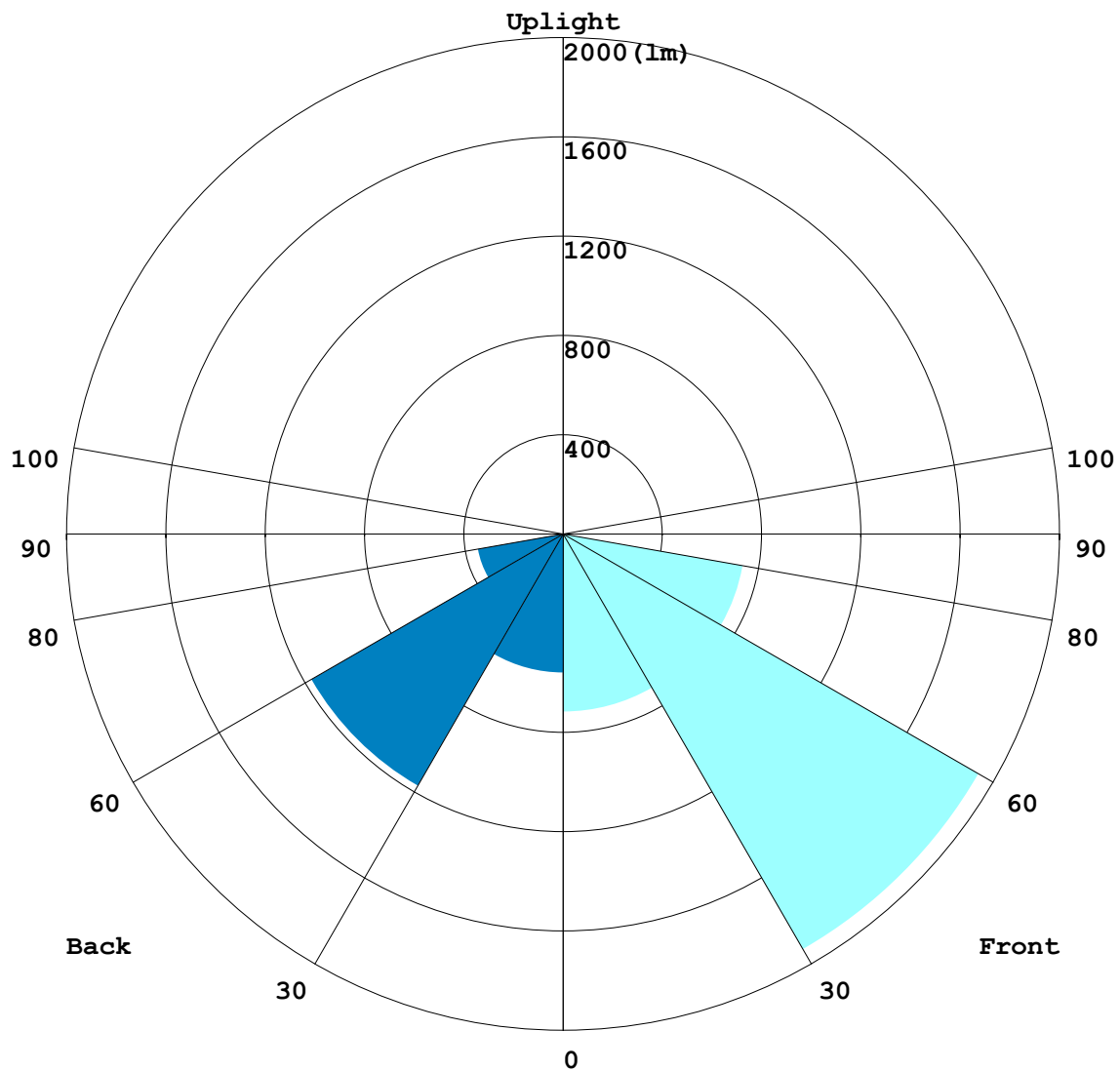
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators:
Test Date: 2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity: 65.0%
Test Distance: 7.370m [K=1.0000]
Remarks:

LCS REPORT

Test:U:220.9V I:0.1702A P:35.86W PF:0.9540 Lamp Flux:5489.77x1 lm		
NAME: OPCITYIII-35W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

BUG REPORT

Test:U:220.9V I:0.1702A P:35.86W PF:0.9540 Lamp Flux:5489.77x1 lm		
NAME: OPCITYIII-35W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	716	13.0
FM - Front-Medium(30-60)	1932	35.2
FH - Front-High(60-80)	734.5	13.4
FVH - Front-Very High(80-90)	16.292	0.3
Total Forward Light	3398.8	61.9

BL - Back-Low(0-30)	558.22	10.2
BM - Back-Medium(30-60)	1171.2	21.3
BH - Back-High(60-80)	347.98	6.3
BVH - Back-Very High(80-90)	13.626	0.2
Total Back Light	2091	38.1

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B2-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2091	0	2091
Street Side	3398.8	0	3398.8

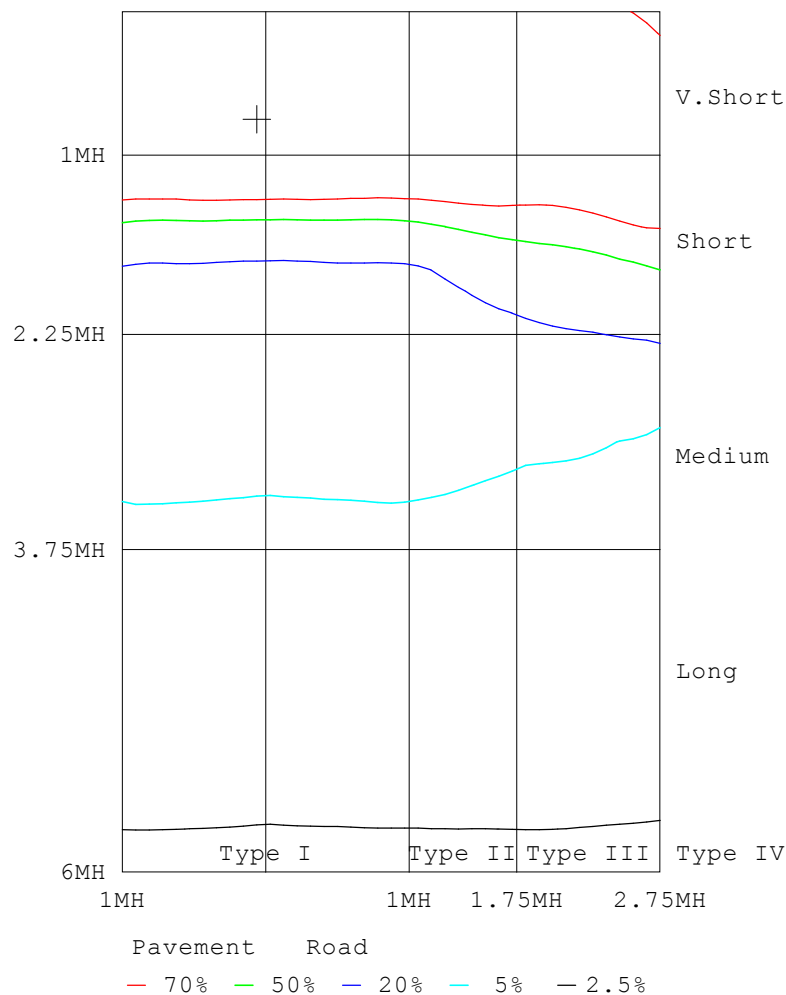
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:220.9V I:0.1702A P:35.86W PF:0.9540 Lamp Flux:5489.77x1 lm		
NAME: OPCITYIII-35W-4070-6C1T3M-0612	TYPE:LED	WEIGHT:
SPEC.:	DIM.: 0.44X0.195X0.04	SERIAL No.:1
MFR.: LUXSUN	SUR.:0.16X0.12	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2022-08-22

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```

```

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.351
Humidity:65.0%
Test Distance:7.370m [K=1.0000]
Remarks:

```